

10/540494

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178 O.S.T. 98 83 UNIT 112PATENT NUMBER and  
ISSUE DATE

## U.S. UTILITY Patent Application

APPLICATION NUMBER	FILING DATE	CLASS	SUBCLASS	GROUP ART UNIT	EXAMINER
(FACE)					

NOTICE OF ALLOWANCE MAILED		Assistant Examiner	CLAIMS ALLOWED	
			Total Claims	Print Claim for O.G.
ISSUE FEE		Primary Examiner	DRAWING	
Amount Due	Date Paid		Sheets Drwg.	Figs. Drwg.
<input type="checkbox"/> TERMINAL DISCLAIMER		PREPARED FOR ISSUE	Application Examiner	
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Charitta Burt

U. S. Application Serial Number 10/540494Publication Date 7.29.04 U.S. ONLY yes ☐ no ☐Publication No. WO 2004, 063221 PCT/RO/101 ☐Copy of ISR ☒ References ☒ Copy of IPER ☒ Annexes ☐ entered ☐ not entered ☐ No translation ☐ Text sequence ☐

Assignee information

Priority Info Country JP Number 2002-377149 date 1236.02 MORE DOC.Correspondence Number 21874

Inventor Residence city \_\_\_\_\_ state and/of country \_\_\_\_\_ citizenship \_\_\_\_\_

International Application Number PCT JP2003, 616978 Language JPCopy in International Application ☒ Translation required yes ☒ no ☐ Number Spec. Pg \_\_\_\_\_ claims pgs \_\_\_\_\_371 Filing Fees \_\_\_\_\_ Late Oath/ decl. fee paid \_\_\_\_\_ US IPER meets Art. 33(2)-(3) Low fee applies ☐Total Claims 47 Chargeable 49 Independent 10Number of drawing Sheets 22 Foreign Text in drawing: \_\_\_\_\_

Oath/Declaration \_\_\_\_\_ signed \_\_\_\_\_ unsigned \_\_\_\_\_ defective \_\_\_\_\_ completed \_\_\_\_\_ P. Attorney \_\_\_\_\_

Small entity fee \_\_\_\_\_ SME doedment yes ☐ no ☐Bio Seq. Diskette ☒ entered ☒ Bio Seq. Listing: ☒ statement ☒

Article 19 Amendment \_\_\_\_\_ replaced by Article 34 Amdt. \_\_\_\_\_

Preliminary Amendment ☒ date 6-23-05 2<sup>nd</sup> amendment date \_\_\_\_\_IDS \_\_\_\_\_ DATE \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ DATE \_\_\_\_\_

Request for Immediate Examination: \_\_\_\_\_

Substitute Specification \_\_\_\_\_ date \_\_\_\_\_

Assignment \_\_\_\_\_ Abstract pgs 1Priority Document ☒ Number of copies included 1Date of 35 USC Receipt of Request: 6-23-05 / \_\_\_\_\_ Notes: \_\_\_\_\_

Date Completion USC 371 Requirements: \_\_\_\_\_ /

Notice of Missing Requirements: 6-7-04 /

Notice of Defective Response: \_\_\_\_\_ /

Notice of Acceptance: \_\_\_\_\_ /

Notice to Comply with Nucleotide and/or Amino Acid Sequence disclosures \_\_\_\_\_

Notice of Abandonment \_\_\_\_\_ Petition to Revive \_\_\_\_\_

Other forms \_\_\_\_\_ Extension of time Number of months \_\_\_\_\_